

Santa Fe, New Mexico

100-360717-000

100-104714 All 7-53

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Socony Mobil Oil Company, Inc.

State "M"

(Company or Operator)

(Leave)

Well No. 11, in NE $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 34, T. 17S, R. 35E NMPM.

Vacuum Abo

Pool, Lea County.

Well is 990 feet from North line and 2310 feet from West line.

of Section **34** If State Land the Oil and Gas Lease No. is **B-2273**

Drilling Commenced 3/18 19 62 Drilling was Completed 4/16 19 62

Name of Drilling Contractor..... **Dale Mount Drilling Co.**.....

Address..... P. O. Box 5204, Midland, Texas

Elevation above sea level at Top of Tubing Head..... **3922** The information given is to be kept confidential until
..... 19.....

No. 1, from 8384 to 8907 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10-3/4	32.75	New	335	-	-	-	Surface String
7-5/8"	26.40	New	3600	-	-	-	Intermediate Str.
5-1/2 (Liner)	17 & 20	New	5684	-	-	8384-8907	Production String

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	10-3/4	335	467	Pump & Plug	-	-
9-7/8	7-5/8	3600	1220	Pump & Plug	-	-
6-3/4	5-1/2	9100	710	Pump & Plug	-	-
(Liner) (Top of Liner) @ 3416)						

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perfs: 8384-8907 (overall) Knox Well Service acidized w/1000 gals. 15% NE acid + 56 RCN ball sealers in 4 stages. Breakdown TP 3800#. Treating TP 3800-3500-2800#. Rate 1.3 B PM. 5 min. SI TP O#.

Result of Production Stimulation.....

..Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 9100 feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing 4/23, 19 62.

OIL WELL: The production during the first 24 hours was 868 barrels of liquid of which 100 % was
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.
Gravity 40.2 @ 60 GOR 1152

GAS WELL: The production during the first 24 hours was - M.C.F. plus - barrels of
liquid Hydrocarbon. Shut in Pressure - lbs.

Length of Time Shut in -

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	1590		T. Devonian		T. Ojo Alamo
T. Salt	1771		T. Silurian		T. Kirtland-Fruitland
B. Salt	2720		T. Montoya		T. Farmington
T. Yates	2899		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen	3752		T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash.		T. Mancos
T. San Andres	4416		T. Granite		T. Dakota
T. Glorieta	6064		T.		T. Morrison
T. Clearfork	6172		T.		T. Penn.
T. xxxx			T.		T.
T. Tubbs			T.		T.
T. Abo	Shale 8314		T.		T.
T. xxx Abo Reef	8352		T.		T.
T. Miss.			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	335	335	Caliche, sand shale & Red Bed	6301	6519	218	Lime & sand
335	732	397	Red bed and sand	6519	6629	110	Lime, sand & shale
732	1572	840	Red bed	6629	6809	180	Lime, sand & chert streak
1572	2058	486	Anhy. sand & gyp	6809	6936	127	Lime, sand & shale
2058	2748	690	Salt and anhy.	6936	7249	313	Lime & sand
2748	2993	245	Anhy. salt, gyp	7249	8327	1078	Lime sand & chert
2993	3052	59	Anhy. & gyp	8327	8410	83	Lime, chert & shale
3052	3188	136	Anhy. salt streaks	8410	8505	95	Lime & chert
3188	3340	152	Anhy. gyp, salt streak	8505	8572	67	Lime
3340	3483	143	Anhy., salt, lime	8572	8959	387	Lime, sand & chert
3483	3600	117	Anhy., lime	8959	9014	55	Lime and sand
3600	3771	171	Lime	9014	9100	86	Lime
3771	3910	139	Lime & sand				
3910	4120	210	Lime & Anhy.				
4120	4204	84	Lime, Anhy. & Gyp				
4204	4317	113	Lime				
4317	5480	1163	Lime and sand				
5480	5518	38	Lime, sand & chert streaks				
5518	6171	653	Lime, chert & sand				
6171	6301	130	Lime, shale & sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far
as can be determined from available records.

May 10, 1962

(Date)

Company or Operator SOCONY MOBIL OIL CO., INC. Address Box 2406, Hobbs, New Mexico

Name

Senior Clerk

Perforations

<u>From</u>	<u>To</u>	<u>No.</u>	<u>Size</u>	<u>Kind</u>
8384	8386	2	1/2	Jet
8388	8389	1	1/2	
8395	8397	2	1/2	
8414	8415	1	1/2	
8437	8439	2	1/2	
8443	8445	2	1/2	
8448	8450	2	1/2	
8455	8457	2	1/2	
8462	8464	2	1/2	
8472	8473	1	1/2	
8477	8478	1	1/2	
8484	8486	2	1/2	
8501	8503	2	1/2	
8519	8521	2	1/2	
8545	8547	2	1/2	
8567	8568	1	1/2	
8580	8581	1	1/2	
8596	8598	2	1/2	
8605	8606	1	1/2	
8607	8608	1	1/2	
8612	8614	2	1/2	
8624	8625	1	1/2	
8627	8628	1	1/2	
8651	8652	1	1/2	
8663	8664	1	1/2	
8676	8677	1	1/2	
8690	8691	1	1/2	
8699	8701	2	1/2	
8702	8703	1	1/2	
8707	8708	1	1/2	
8716	8717	1	1/2	
8726	8727	1	1/2	
8752	8754	2	1/2	
8813	8814	1	1/2	
8817	8818	1	1/2	
8828	8830	2	1/2	
8833	8834	1	1/2	
8837	8838	1	1/2	
8842	8843	1	1/2	
8847	8848	1	1/2	
8864	8865	1	1/2	
8876	8877	1	1/2	
8883	8884	1	1/2	
8902	8903	1	1/2	
8906	8907	1	1/2	

Core Record

None

Drill Stem Tests

None

Acidizing Record

4/22/62 Knox Well Service acidized perfs: 8384-8907 (overall)
w/1000 gals. 15% NE acid + 56 RCN ball sealers in 4
stages. Break down TP 3800# treating TP 3800-3500-2800#.
Rate 1.3 BPM. 5 min. SI TP 0#. Swab & flow 43 BLO $\pm$ 11
BNO _ 24 BAW in 3 hrs. SI 8 hrs. TP 775#.

Deviation Survey

<u>Depth</u>	<u>Degree Off Vertical</u>	<u>Depth</u>	<u>Degree Off Vertical</u>
60	1/4	5456	3-1/2
300	1/2	5908	2-1/2
1033	1/4	6402	1-3/4
1686	1/2	6800	1-1/4
1936	3/4	7525	2
2250	0	7734	2-1/4
2623	3/4	8073	2-1/2
2872	1	8380	2
3037	1-1/4	8544	1-3/4
3307	3/4	8918	2-1/2
3589	1	9073	2-1/4
3818	1-1/4		
4004	2		
4240	2-1/4		
4581	2-3/4		
4922	3-1/4		
5108	3		

SUMMARY OF OPERATIONS

3/18/62 Commenced drilling operations (spud date)
 3/19/62 Set 335' of 10-3/4" surface casing
 3/19/62 Tested 10-3/4" casing
 3/24/62 Ran Drill Prod. Co. Vol. Meter (Fluid Caliper) to 3600'
 3/25/62 Set 3600' of 7-5/8" casing
 3/26/62 Tested 7-5/8" casing
 4/17/62 Lane Wells ran GR-Sonic Log to 9088'
 Lane Wells ran Induction Log to 9091'
 Lane Wells ran Micro Lateral Log to 9087'

4/18/62 Set 5684' of 5-1/2" liner @ 9100', top of liner at 3416'
 4/19/62 Tested top of 5-1/2" liner
 4/20/62 D/O Cement in 5-1/2" Liner 8756-9064
 4/20/62 Tested all casing w/1800# for 30 mins.
 4/20/62 PGAC ran correlation log to 9064
 4/21/62 PGAC Perf; 5-1/2" liner 8384-8907' (overall) w/1 Jet shot per foot
 4/22/62 Knox Well Service acidized perfs. 8384-8907' w/1000 gals 15% NE acid + 56 RCN ball sealers
 4/23/62 On NMOCC potential test, well completed